RAW SEQUENCE LISTING
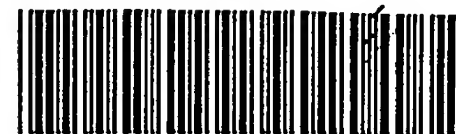
The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/081,456_

Source: _____

Date Processed by STIC: _____

ENTERED

RAW SEQUENCE LISTING   DATE: 06/01/2005
PATENT APPLICATION: US/10/081,456   TIME: 13:41:29

Input Set : **N:\Crf3\RULE60\10081456.raw.txt**
Output Set: **N:\CRF4\06012005\J081456.raw**

SEQUENCE LISTING

```
 3 (1) GENERAL INFORMATION:
 5      (i) APPLICANT: Paulson, James C.
 6                    Bayer, Robert J.
 7                    Sjoberg, Eric
 9     (ii) TITLE OF INVENTION: Practical In Vitro Sialylation of
10                              Recombinant Glycoproteins
12    (iii) NUMBER OF SEQUENCES: 1
14     (iv) CORRESPONDENCE ADDRESS:
15          (A) ADDRESSEE: Townsend and Townsend and Crew LLP
16          (B) STREET: Two Embarcadero Center, Eighth Floor
17          (C) CITY: San Francisco
18          (D) STATE: California
19          (E) COUNTRY: USA
20          (F) ZIP: 94111-3834
22      (v) COMPUTER READABLE FORM:
23          (A) MEDIUM TYPE: Floppy disk
24          (B) COMPUTER: IBM PC compatible
25          (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26          (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28     (vi) CURRENT APPLICATION DATA:
C--> 29      (A) APPLICATION NUMBER: US/10/081,456
C--> 30      (B) FILING DATE: 21-Feb-2002
31          (C) CLASSIFICATION:
33    (vii) PRIOR APPLICATION DATA:
W--> 34      (A) APPLICATION NUMBER: US/09/007,741
35          (B) FILING DATE: 15-JAN-1998
W--> 36      (A) APPLICATION NUMBER: US 60/035,710
37          (B) FILING DATE: 16-JAN-1997
39   (viii) ATTORNEY/AGENT INFORMATION:
40          (A) NAME: Smith, Timothy L.
41          (B) REGISTRATION NUMBER: 35,367
42          (C) REFERENCE/DOCKET NUMBER: 014137-011210US
44     (ix) TELECOMMUNICATION INFORMATION:
45          (A) TELEPHONE: (415) 576-0200
46          (B) TELEFAX: (415) 576-0300
49 (2) INFORMATION FOR SEQ ID NO: 1:
51      (i) SEQUENCE CHARACTERISTICS:
52          (A) LENGTH: 50 amino acids
53          (B) TYPE: amino acid
54          (C) STRANDEDNESS:
55          (D) TOPOLOGY: linear
57     (ii) MOLECULE TYPE: peptide
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RAW SEQUENCE LISTING   DATE: 06/01/2005
PATENT APPLICATION: US/10/081,456   TIME: 13:41:29

Input Set : N:\Crf3\RULE60\10081456.raw.txt
Output Set: N:\CRF4\06012005\J081456.raw

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60      (ix) FEATURE:
61            (A) NAME/KEY: Modified-site
62            (B) LOCATION: 43..44
63            (D) OTHER INFORMATION: /product= "OTHER"
64 /note= "Xaa at positions 43 and 44
65 may be present or absent"
68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 70    Arg Cys Ala Val Val Ser Ser Ala Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
71         1               5               10                  15
73         Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
74                     20              25                  30
76         Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Val Gly Ser
77                 35                  40                  45
79         Lys Thr
80             50
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/01/2005
PATENT APPLICATION: US/10/081,456   TIME: 13:41:30

Input Set : N:\Crf3\RULE60\10081456.raw.txt
Output Set: N:\CRF4\06012005\J081456.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
Seq#:1; Xaa Pos.30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

VERIFICATION SUMMARY   DATE: 06/01/2005
PATENT APPLICATION: US/10/081,456   TIME: 13:41:30

Input Set : N:\Crf3\RULE60\10081456.raw.txt
Output Set: N:\CRF4\06012005\J081456.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1